

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 3209327  |
| <b>Application Number:</b>                  | 10727453   |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 7134   |
| <b>Title of Invention:</b>                  | Method of optimizing production of gas from vertical wells in coal seams |
| <b>First Named Inventor/Applicant Name:</b> | Lloyd E. East  |
| <b>Customer Number:</b>                     | 71407  |
| <b>Filer:</b>                               | Corey S. Tumey/Debbie Allen  |
| <b>Filer Authorized By:</b>                 | Corey S. Tumey   |
| <b>Attorney Docket Number:</b>              | 2003-IP-011867U1   |
| <b>Receipt Date:</b>                        | 25-APR-2008  |
| <b>Filing Date:</b>                         | 04-DEC-2003  |
| <b>Time Stamp:</b>                          | 13:56:12   |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)  |

### Payment information:

| Submitted with Payment |                      | no                |   |                  |                  |
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| File Listing:          |                      |                   |   |                  |                  |
| Document Number        | Document Description | File Name         | File Size(Bytes) /Message Digest        | Multi Part /.zip | Pages (if appl.) |
| 1                      |                      | 0637180387ROA.PDF | 579259                                  | yes              | 11               |
|                        |                      |                   | 486cc53d0da5676e76ee9a2c5257b28286e2132 |                  |                  |

|  | Multipart Description/PDF files in .zip description |       |     |
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|  | Document Description                                | Start | End |
|  | Amendment - After Non-Final Rejection               | 1     | 1   |
|  | Claims  | 2     | 5   |
|  | Applicant Arguments/Remarks Made in an Amendment    | 6     | 11  |

**Warnings:**

**Information:**

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.